



PATENT APPLICATION  
New Docket No.: 301502.1000-000  
Prior Docket No.: (Prior 3216.1000-000)

#9/a  
8/22/03  
T-LL

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John J. Halloran

Application No.: 09/891,879 Filed Date: June 26, 2001

Confirmation No.: 9058 Group: 3635 Examiner: R. Canfield

For: POTENTIAL ENERGY STORAGE SYSTEM

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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AMENDMENT

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**GROUP 3600**

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on May 13, 2003, in the above-identified application. Reconsideration and further examination are requested.

Amendments to the Specification begin on page 2.

The listing of claims begins on page 3.

Remarks begin on page 9.

Amendments to the Drawings begin on page 8, and include an attached replacement sheet.

Please amend the application as follows:

Amendments to the Specification

The specification is being amended to correct typographical and clerical errors.

No new subject matter is being added.

Please replace the paragraph beginning on page 6, at line 1, and ending on page 6, line 10, with the following rewritten paragraph:

The potential energy system includes a PLC (programmable logic controller) - based level control system 44 to maintain the horizontal (level) orientation of the building within pre-set limits. This system receives input signals from the proximity sensors 42 at each corner of the building in order to detect differences in vertical position. If a pre-set difference allowance is exceeded the control system signals the appropriate automated chamber valves 4 to close or "throttle" in order to create a pressure imbalance between certain chambers until the "out-of-level" condition is corrected. Fluid pressure levels inside the chambers are also input to the level control system via pressure sensors 23 and these signals are utilized to control the positioning of the automated chamber valves.